

## ABSTRACT OF THE DISCLOSURE

The present invention provides an anode electrode for a secondary battery. The anode electrode is characterized in that the anode layer thickness is 30  $\mu\text{m}$  or less, and that there is used, as an anode material, at least one of: oxide, sulfide and  
5 salt of metal which forms an alloy with lithium; and boron-added carbon. Adoption of the anode electrode of the present invention allows to obtain a lithium ion secondary battery which is capable of avoiding deposition of lithium even by high-speed discharge and charge with a larger electric current and which has a higher energy density.